

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: jproc@bellglobal.com
Subject: #19 Set for Sale
Message-ID: <Chameleon.4.01.2.970212213925.jproc@>

Dear BA'ers,

I have a lead on a #19 set which is for sale.

Contact:

Mike Dawson
104 Edith Ave.
Hamilton, Ontario
L8T 4H5

Phone (905) 388-5531

Condition is unknown to me. Price is unconfirmed around \$200 and is likely local pickup. Just passing on a tip I received tonight.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
Radio Restoration Volunteer
HMCS Haida Naval Museum
Toronto, Ontario

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: don merz <71333.144@CompuServe.COM>
Subject: 240v vs 180v...
Message-ID: <970212135540_71333.144_DHB58-6@CompuServe.COM>

I guess it's time to 'fess up and admit that I was the person who bought the National AGS-X that Greg farmer advertised in ER and ARC back in November. I paid more than I ever expect to pay for a BA radio again but less than some folks are shelling out for some current high-end gear. But I heard this rumor that "you only live once..."

Anyway, the radio is extremely nice except for the power supply. The power supply is nice but it is wrong--it's an RAS rackmount supply with the nametags removed. The corrrect supply GRSPU, GRDPU or 5886 has a 180VDC

B+ output and the RAS supply's B+ is 240vdc. The tubes used in the AGS are all 36's, one 37, and one 89. The tube manuals say that 240vdc is the maximum rating for these types.

So the question is, should I run the radio on 240vdc? Or go after a 180VDC supply instead?

Naturally, if anyone has a rackmount RAS with a 180v supply, I'd be happy to do a swap. Or if anyone has any one of the correct supplies available for sale then I would like to buy it.

Thanks.

73, Don

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: dr.electron@juno.com
Subject: RE: 7591 GLASSFETS
Message-ID: <19970212.041356.6838.1.dr.electron@juno.com>

BOOTMEISTERS;

THE 7591 GLOFET IS A HIGH PERFORMANCE AUDIO TUBE WHICH CAME OUT NEAR THE END OF THE GOLDEN AGE. IT OFFERS PERFORMANCE SIMILAR TO THE 6L6WGB ETC. IN A MORE COMPACT

ENVELOPE. MANY WERE MADE SPECIFICALLY FOR FISHER AS OEM'S.

THEY ARE FAIRLY RARE AND CONSISTENTLY EXPENSIVE NOW.

HOWEVER, NEW UNITS ARE AVAILABLE THROUGH THE VARIOUS AUDIO TUBE SELLERS, FOR THOSE WILLING TO PAY THE PRICE.

I'M SURE SOMEONE OUT THERE HAS A GOOD MOD TO RECONFIGURE AN OUTPUT STAGE TO 6L6 ETC, BUT THE BIG PROBLEM SEEMS TO BE PHYSICAL PACKAGING OF THE CHASSIS, ETC. SO THERE MUST FIRST BE ROOM TO FIT THE RETRO UNIT.

BTW, DOES ANYONE KNOW OF ANY BOATANCHOR WHICH USED THIS UNIT?

REGARDS, RICH P.

#

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Dan Kerl <dlkerl@ro.com>
Subject: Re: 7591 GLASSFETS
Message-ID: <3301D7E4.461F@ro.com>

dr.electron@juno.com wrote:

>

> BOOTMEISTERS;

<snip>

> I'M SURE SOMEONE OUT THERE HAS A GOOD MOD TO RECONFIGURE
> AN OUTPUT STAGE TO 6L6 ETC, BUT THE BIG PROBLEM SEEMS TO BE PHYSICAL
> PACKAGING OF THE CHASSIS, ETC. SO THERE MUST
> FIRST BE ROOM TO FIT THE RETRO UNIT.
> BTW, DOES ANYONE KNOW OF ANY BOATANCHOR WHICH USED THIS
> UNIT?
> REGARDS, RICH P.

If you're willing to wait a little, Svetlana is going into production on these things sometime during the next year. Also, AES has a socket adapter that allows the use of 6GM5 tubes, which are electrically identical but employ a regular 9-pin base. Current 6GM5 pricing is about 1/3 that of the 7591. The 6GM5/adapter combination adds about a half inch to the output tube height requirement, so a check for interference is necessary.

I rebuilt a Heath AA-100 power amp to use 6GM5s. Works fine. If you are restoring an amp that uses 7591s, check to see if a selenium rectifier was employed in the bias supply. If so, lose it quick! I shudder to think about how many 7591s have been consumed due to underbias caused by selenium rectifier deterioration. Use a cheap silicon diode with added resistance to compensate for the lower forward voltage drop.

Dan Kerl
dlkerl@ro.com

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Ho4bart@aol.com
Subject: 80H4 vacuumless vacuum tube, circa 1925
Message-ID: <970212041305_1996042685@emout02.mail.aol.com>

more late nite silliness.
i was scrutinizing one of the holy texts today, namely Radio News, July 1925, pg. 19, "the Thermion Vacuumless Tube". Seems Elman B. Meyers invented a vacuumless radio valve. It, the prototype, was enclosed in an isolantite tubular container, with the filament on screw terminals so you could affix a new one when the old expired. (also learned Isolantite was developed for the French gov't in WW1 for use in spark xmtrs. amazing what valuable things i have learned when i should have been reading up on LANs.)
specs: filament 5/8 in x 0.035 in. dia., material is "secret".
life 2000 hrs estimated. plate & grid material: "special

nonoxidizing material, which will not oxidize in open air at temperatures up to 2000 degrees." filament current approx 1/2 A @ 80 volt. plate resistance 65 000 ohms. amplification factor 14.

a possible side advantage mentioned is that you can light your [yuk!] cigar from the filament. however if as a result you cough on the filament it will momentarily cool from its normal 800 degrees and "it is seen to dim somewhat with a decrease in signal strength".

In tests at Harvard University, KDKA in Pittsburgh was heard on a one-tube receiver constructed with this valve.

Note: see month above. Not April !! I double checked too!

I previously posted an anecdote about a fellow who set up at hamfests with a demonstration oscillator powered by a "tube" made from a space heater and metal plate. No takers on that one pro or con. Seems possible now. Altho an "all american five" circuit with that much filament power would have to be provided with an asbestos cabinet.

Now, where did i pack away that little space heater?
hue miller

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Ho4bart@aol.com
Subject: ?? name this war movie ?? (yes, bottle-related)
Message-ID: <970211180310_-1609283337@emout04.mail.aol.com>

around 1962-63 i saw this movie on the tube (TV tube), where an american military weather team is working from mongolia or the gobi desert-- anyway pretty isolated-- sending weather reports. finally their transmitter gives out and -- i swear, the radioman reports to the team leader, that he did not have another 807 to keep it running. (i am *fairly* sure this is no auditory hallucination on my part-- i think i remember laughing in amazement when i heard that specific a mention--anyway as you can see it made an impression). so anyway the team, having no more purpose & no communication, heads out to the china coast to be rescued, and there follows the adventure action. (other than that i don't recall any good shots of radio equipment.....) so, can anyone else recall this movie? name? also, anyone ever see "No Man is an Island", about the "ghost of guam"? any radios show up in it? hue miller

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997

From: Al Klase <skywaves@webex.net>
Subject: Re: ?? name this war movie ?? (yes, bottle-related)
Message-ID: <330179A1.6532@webex.net>

Ho4bart@aol.com wrote:

>

> around 1962-63 i saw this movie on the tube (TV tube),
> where an american military weather team is working from
> mongolia or the gobi desert--

I beleive this flick was called "Operation Gobi." Perhaps someone could lok this up.

Al Klase - N3FRQ
alklase@prolog.net
Flemington, NJ

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Ken_Warren@beavton.k12.or.us (Ken Warren)
Subject: Re: ?? name this war movie ?? (yes, bottle-related)
Message-ID: <2630942686.36315581@beavton.k12.or.us>

It was Destination Gobi starring Richard Widmark, pretty good movie. I see it come around every once in a while on cable.

Ken Warren K7RPX

Ken_Warren@beavton.k12.or.us
KenwK7RPX@worldnet.att.net

--

Beaverton School District
Beaverton, Oregon

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: A BA with your name. Cool
Message-ID: <Pine.OSF.3.93.970212115136.2679C-100000@govonca2.gov.on.ca>

A silly idea, but hey, what good is digital technology if you can't have fun. I did a search on the QRZ database...

Two hams are named Harvey Wells. One born in 1920, one 1925. I sure hope they were able to own a Bandmaster at some point.

Found two hams with E.F. Johnson as initials. Hope they have had some fun with personally named BAs also.

I wonder if anyone named Heathcliffe could squeeze by, hi hi.

Brien
Toronto

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Ho4bart@aol.com
Subject: Re: A BA with your name. Cool
Message-ID: <970212164929_1962545729@emout05.mail.aol.com>

In a message dated 97-02-12 13:32:13 EST, pepperb@gov.on.ca (Brien Pepperdine) writes:

<< A silly idea, but hey, what good is digital technology if you can't have fun. I did a search on the QRZ database...
>>

well, i have a Miller sw kit receiver from maybe 1938. i'm not particularly proud of it, it's pretty much a 1930s S-38 in terms of circuitry.
Hue M.

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Nick England <nick@cs.unc.edu>
Subject: accessory needed
Message-ID: <199702130237.VAA12828@altair.cs.unc.edu>

I acquired the following at a recent hamfest:

Meter, USN type CG-22409

and would like to find the matching equipment that goes with this meter.

The meter has markings that read
DEPRESS ELEVATE TRAIN LEFT TRAIN RIGHT

I have a lead on a nice 5" gun turret, but I'm not sure whether the meter will work with it or not - do I need to look for one of the 16" gun turrets, which are evidently much rarer ??
(I think the UPS guy isn't going to like this).

thanks for your help,
Nick KD4CPL :-)

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Mike Maloney <ac5p@ionet.net>
Subject: ah-ha! Design Group,Inc./Listmember??
Message-ID: <199702122334.RAA11894@mail.ionet.net>

To the BA listmember who is associated with subject outfit:

What do you desire I return to you in the 9 X 12+ inch business envelope?...surely not the CNC Catalog you sent along with it? I've offered several things on list for SASE so please refresh my memory. Sorry to burden the list but NO name or E-mail adr was included with the ppd envelope.

Regards, Mike ac5p@ionet.net

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: JOHN_SEHRING.parti@ecunet.org
Subject: ARC-5 TO VFO CONVERSION
Message-ID: <9702111901.aa21899@pcusa01.ecunet.org>

This reminds me that C.E.'s model 10 and 20 SSB Exciters used converted ARC-5 type things as quite satisfactory VFO's.

-John Sehring (02/08/97 12:02 pm MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Mike Warren <m_warren@compuserve.com>
Subject: re: ARC-5 TO VFO CONVERSION
Message-ID: <199702121840_MC2-1125-8AF0@compuserve.com>

(John Sehring wrote . . .)

>This reminds me that C.E.'s model 10 and 20 SSB Exciters used converted
>ARC-5 type things as quite satisfactory VFO's.

Yes, and I'm still looking for one for my "new" 20A!

It can be a BC-458 or a T-21 or a Cxx-52210. Condition doesn't matter as long as frequency determining components are all there and it covers

somewhere in the vicinity of 5 to 7+ mHz.
(The 20A mixes the VFO signal with 9mHz).

73,

Mike W5MAZ (in MN)
m_warren@compuserve.com
message text written by INTERNET:boatanchors@theporch.com
>Date: Tue, 11 Feb 97 19:01:56 EST
From: JOHN_SEHRING.parti@ecunet.org
Subject: ARC-5 TO VFO CONVERSION
Message-ID: <9702111901.aa21899@pcusa01.ecunet.org>

This reminds me that C.E.'s model 10 and 20 SSB Exciters used converted
ARC-5 type things as quite satisfactory VFO's.

-John Sehring (02/08/97 12:02 pm MT @Baker, Montana) UCC wb2eqg
<

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Tom Norris <badger@telalink.net>
Subject: Atomic Instrument Company (?) Two Meter rig (fwd)
Message-ID: <3.0.32.19970211174200.00726780@telalink.net>

Reply To:mccu@erols.com

anyone here have any info on this?
Reply to him, not me.....

----Forwarded----

From: McCullough <mccu@erols.com>
Newsgroups: rec.radio.amateur.boatanchors
Subject: Atomic Instrument Company (?) Two Meter rig
From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: Re: audio xfmr Hallicrafters s38a and 38s report.
Message-ID: <19970211222837.AAA12545@LOCALNAME>

You should be able to use a common everyday AC-DC "All American 5"
transformer. Most of these are 2500 ohms or so to voice coil. You won't
have the exact replacement, but it shouldn't make any difference at all.
I'd wire the output so the "phones/speaker" switch just switches the 4 ohm
output winding to the 'speaker or headphone jack. Your headphones won't

know the difference...really.

AES should have these or you can scrounge from a radio collector who will undoubtedly have some junker plastic radio output transformers around.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....*

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997

From: Chuck Penson <penon@sci.mus.mn.us>

Subject: BA dreams / thanks

Message-ID: <3301DBB7.6591@sci.mus.mn.us>

Nick,

Thanks for the artifact from Heath. I love stuff like that! It fills in tiny puzzle pieces you could never figure out otherwise.

BTW--I would never share this publicly but I periodically have dreams about finding a large stash of Heath equipment or other BA stuff, and last night I had another in which you were involved.

The setting was a large mansion somewhere north of Mt. Wilson in California (we could see the telescopes in the distance). In the basement we found a huge quantity of old electronics stuff primarily Heathkit and Knightkit...mostly test gear and misc other components. We agreed to split the stuff. It was a very pleasant dream...

What would Sigmund say about this?

Cheers,

--

Chuck Penson

WA7ZZE

penon@sci.mus.mn.us

612.221.4510 voice

612.224.5092 fax

<http://comped.sci.mus.mn.us>

After having used the Web for a couple of years now I am convinced that lots of information isn't always better than no information at all.

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Chuck Penson <penon@sci.mus.mn.us>
Subject: BA dreams Ahhhh!
Message-ID: <3301DC05.1D5B@sci.mus.mn.us>

The previous message was meant for Nick England.

Boy am I embarrassed...

--
Chuck Penson
WA7ZZE

penon@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

After having used the Web for a couple of years now I am convinced that lots of information isn't always better than no information at all.

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: stever@cybercomm.net (Stephan Rashkin)
Subject: Re: BA dreams Ahhhh!
Message-ID: <199702130104.UAA10461@raven.cybercomm.net>

>The previous message was meant for Nick England.

>

>Boy am I embarrassed...

Not only that, but if you slept for just 10 minutes longer you would have found out I arrived just before you and Nick and I already bought the entire lot.. :0)

73,
Steve, WA2NHZ

Steve Rashkin, WA2NHZ
Howell, New Jersey 07731

E-mail: stever@raven.cybercom.com

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: wpul1130 <wpul1130@concentric.net>
Subject: BA Film Critic
Message-ID: <330147D8.5EAE@concentric.net>

Hi All: Ref some talk a few nights ago concerning training films,
Vintage Video publish a catalog of old Military training films.
I recently purchased "Radio Transmission Security" WWII when to
talk and not to talk, sorta funny.
They are prompt on service, videos and catalog.

Vintage Video
P.O. Box 551
Greencastle, PA. 17225

(717) 597-9695

73's
Lloyd

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: Big Dream - Small Screen
Message-ID: <199702120044.TAA12629@server1.ils.net>

At 11:11 AM 2/11/97 -0600, Terry L. Dobler wrote:

>Gang,

>

> If you enjoyed the show on Farnsworth check out the PBS web page

>for the show at

><http://www.pbs.org/wgbh/pages/amex/technology/bigdream/index.html>

>

Saw the show up here in Canada via cable TV. Really enjoyed it very much. I
had no idea who invented TV and was absolutely amazed that he had all the
basics of it at age 14. Wonder what happened to him after his appearance on
I've got a Secret TV show?

..Mike

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: Big Dream - Small Screen
Message-ID: <199702122252.0AA11062@kim.teleport.com>

>At 11:11 AM 2/11/97 -0600, Terry L. Dobler wrote:
>>Gang,
>>
>> If you enjoyed the show on Farnsworth check out the PBS web page
>>for the show at
>><http://www.pbs.org/wgbh/pages/amex/technology/bigdream/index.html>
>>
>Saw the show up here in Canada via cable TV. Really enjoyed it very much. I
>had no idea who invented TV and was absolutely amazed that he had all the
>basics of it at age 14. Wonder what happened to him after his appearance on
>I've got a Secret TV show?
>..Mike

Hey Guys and Gals,

There is a Web page that is devoted to Farnsworth. I don't know the
address, but you can find it if you have a good search engine.

Stan w7ni@teleport.com

PS I know a guy (Dave Farnsworth) who claims to be Philo's grandson. I am
skeptical . . .

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Big Dream - Small Screen
Message-ID: <2.2.32.19970212230805.00c5e804@marlin.nosc.mil>

>Hey Guys and Gals,
>
>There is a Web page that is devoted to Farnsworth. I don't know the
>address, but you can find it if you have a good search engine.
>
>Stan w7ni@teleport.com
>

<http://songs.com/noma/philo/index.html> will get you to the Farnsworth info, or start at <http://www.primenet.com/~rfwatts/tubes.html> and go from there.

Ed Zeranski ejz@marlin.nosc.mil, work
 ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No person, employer, or govt. should try to take credit for it!

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: jkh@lexis-nexis.com (John Heck)
Subject: Books For Sale
Message-ID: <9702121338.AA17013@beans.lexis-nexis.com>

Folks,
I have the following books for sale. Please respond to me using private email.
My address is in my sig. Thanks.

NAVSHIPS 93440(A) "Handbook of Minature Parts For Electronic Equipment"
15 April 1961 Excellent+ condition approx. 200pp \$10 plus
\$3 postage

ARRL "Radio Amateurs Handbook" 1976 Excellent condition \$10 plus \$3 postage

Heathkit Catalog - Spring 1978 - Very good condition except small piece of corner
torn off the front cover - \$5 plus \$3 postage

ARRL "Single Sideband For The Radio Amateur" 1970 Excellent condition
\$10 plus \$3 postage

General Electric "Transistor Manual" 1962 Excellent condition and a very nice
treatment of solid state devices and circuits, plus specs. \$10 plus
\$3 postage.

Regards,
John Heck, KC8ETS
1009 Donson Drive
Dayton, Ohio 45429
(513)865-7036(work)
jkh@lexis-nexis.com

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997

From: shep shepard <shep@northlink.com>
Subject: CRT Needed
Message-ID: <199702112253.PAA26426@smtp.northlink.com>

I am in need of a DUMONT 3RP1 or Equivelent 2 3/4 " CRT. Was used in Heath Monitor scopes.

Or any ideas where I can find em' ??? Thanks much!!

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: Crystals FS or Trade
Message-ID: <3301EF2C.19F2@foothill.net>

I have a list to Email of crystals For Sale or to Trade

Eugene Rippen, 105 Donnington, Auburn, CA 95603

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Did I miss your message?
Message-ID: <1.5.4.16.19970212103622.2b47315a@pop.mindspring.com>

Gang,

I am in the midst of upgrading both my internet access (to get netscape 3) and my CPU speed. Along with this I added 16MB of memory. Well my new CPU runs slightly to fast for the compaq motherboard so before I turned down the speed slightly I lost my old version of mindspring. I have the E-mails but they are just computer files names (in.mbx or in.toc) so don't want to waste time getting them...so If you sent me a message between 4 Feb and 11 Feb and I have not responded please send again.

I know I made a buy offer to Gene Rippen.

73, Dave K4JRB
thompson@mindspring.com

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: DM-34 Dynos
Message-ID: <199702121120.GAA12004@mail-e2b.gnn.com>

I have a blue book called "Surplus Radio Conversion Manual", 8 1/2 X 11 size and published by Editors and Engineers in 1960 which has an article in it concerning "12 volt command set dynamotors". What it tells you how to do is use the DM-34 which is part of the BC-603 I believe Dave Stinson said, with the Command sets. I have 3 of the units of which 2 are NIB and another one that could pass for the same condx. Anyone interested in the information, I'll type it up and put it on here. No schematics, just some hackswa work and drilling some holes in the old 28V dynamotor mount. No mods to the radio either.

Which make me wonder why you would rewire the filament string in the command sets for 12V? Put 6 volt tubes (exact replacements) and apply 12 V. You then just need a 12V dynamotor. Same effect as using 12V tubes with a 28V dyno. Least that seems logical to me.

Unless its the idea of tube cost. Who wants 6v tubes anymore? They should be available at swap meets for \$1 or less apiece.

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: Dynamotor mount
Message-ID: <1.5.4.16.19970212055713.23afdf68@ms1.nwla.com>

Howdy Ya'll

I acquired the ARC-5 Dynamotor off the list that did not have the mount attached to it. Does anyone have a dead dynamotor with the mounting plate, or, does anyone just have a mounting plate that I can acquire? I would love to fire up one of my little recievers this weekend or next...

Ronnie - W5SUM

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: WA6GYD@aol.com
Subject: Eico 214 VTVM
Message-ID: <970212173443_1480298743@emout08.mail.aol.com>

I have an EICO mod 214 VTVM that was in sorry shape, I have done the cosmetic things to it and now want to make it play. I have tried the normal manual suppliers and they don't have for an old model like the 214. Uses a 6X5, 6H6 and a 6SN7. So may I ask the gang again if anyone has a schematic for this thing. It had been suggested that any of the old VTVM schematics would probably work but I just sold the last Heath VTVM with its manual at the last swap meet. So I'm stumped help. Thanks

Don

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: FS or Trade: Crystals
Message-ID: <330209A4.6834@foothill.net>

I have a list that I can Email of Crystals to sell or trade.

Eugene Rippen, 105 Dannington, Auburn, CA 95603

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Ho4bart@aol.com
Subject: FS/FT McMurdo Silver 701 xmtr
Message-ID: <970211173553_-1976963887@emout01.mail.aol.com>

this xmtr isn't in my main area of interest and i'm thinking now of trading/ selling it.
10w x 5hi x 6deep ins. 3.5-54 mc/s A1, A3.
4 tubes 2/6aq5 mod, 6aq5+807. requires ext ps
rated 300-700 jolts. considering its size i sure wouldn't push 700 jolts at it, looks like it might be comfortable at the power level of 300 volt (maybe 25w). 5 sets coils.
set uses no meters, just 2 pilot lites. panel orig & black but rest of cabinet has gray/silver paint, doesn't look bad.
includes Silver 903 passive monitor/ strengthmeter, with bunch of plugin coils. would fool you cuz it looks like dipmeter but inside is only tuned ckt diode detector, meter. with ant, 5 coils for 1.7-250 mc/s.
this gear dates around 1947-48. the tx might make a realistic match to a S-38 or S-53? "entry level radio". the

style of construction looks like garage-factory style. have crude handdrawn schematic, maybe more. this would be a nostalgic kick to run AM on 80/10 with. i paid \$50 for both and suggest that as starting place for a price to be negotiated up or down. or i'll take first look at any partial/full trade either way, i am interested also in Lafayette equip espec KT-320/HE-?30? HE?34? or any entertainment type rec with chortwave bands bulbstate or sandstate.
hue miller

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: WJoeW@aol.com
Subject: FS: R-1051/URR
Message-ID: <970211235727_-1442116385@emout15.mail.aol.com>

I have a really clean R-1051, in good working order, with proper power cable, matching speakers and connectors (one for each sideband) and a big 2 inches thick manual.

I would like to see it have a new home for \$350 plus shipping.

Holler if you want to discuss.

Joe
W5WBR

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: FS: Books (Coastwatchers)
Message-ID: <Pine.OSF.3.91.970212180951.137B-100000@beall.tenet.edu>

"Lonely Vigil, Coastwatchers of the Solomons" by Walter Lord. Great story - has a couple of pictures of the radios they used. \$17.00 plus \$3.00 shipping.

"The National Air and Space Museum" Has a great picture of the radio room in a B-26. \$30.00 plus \$4.00 shipping.

"A Bridge Too Far" by Cornelius Ryan. Great story which includes a disaster caused in part by problems with radio communications. \$12.00 plus \$3.00 shipping.

Lenox

Lenox Carruth, WA50VG
Dallas, Texas
klccarru@tenet.edu

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: FS: Dynamotors, Rack Panels, Misc.
Message-ID: <Pine.OSF.3.91.970211155551.25439E-1000000@Joyce-Perkins.tenet.edu>

All items plus shipping.

PE-103-A Dynamotor supply. Appears to be in good shape except circuit breakers are missing. I checked one end and the commutators look new.
\$75.00

Carter 6 Volt dynamotors:

250 VDC @ .100 ma output	\$15.00
400 VDC @ .200 ma output	\$15.00

Four NOS rack panels, two bare aluminum and two with gray wrinkle finish. 8 3/4" high, 19" wide, 3/16" thick. Gray ones are Bud PA-3105
\$7.50 each

Nice tube type supply for Command Set Receiver. Built on aluminum box mounted on dynamotor base plate (I didn't do it!!) Plugs into rear of receiver like dynamotor. Has AC power cord missing plug. \$15.00

Two Narco VTR-2A Omnigator Mk-II Aircraft VHF com and navigation receivers. Both for \$15.00

Collins 51X-3 VHF Aircraft receiver. May not contain the audio or power supply circuits. I don't have a schematic but I seem to recall that the PS and audio were on a separate chassis. Looks like it is a really nice VHF set. Small. \$15.00

28 VDC @ 10 Amp supply. Not regulated. Relatively small and heavy.
\$25.00

24 VDC @ 10 Amp regulated supply. \$35.00

Project box. Aluminum military box with hinged, gasketed top. With carrying handle. Painted gray. No holes in box. Chassis mounted inside can be removed for your chassis. Approximately 12" wide, 8 1/2" long and 7" deep. \$10.00

Best regards,

Lenox

Lenox Carruth, WA50VG
Dallas, Texas
klccarru@tenet.edu

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Steven Wenger <swenger@fgi.net>
Subject: FS: Gates Broadcast Transmitter
Message-ID: <Pine.LNX.3.95.970212160937.21460A-1000000@um.fgi.net>

Greetings,
Have a Gates 500T broadcast transmitter. Runs a pair of 8333A's modulating a single 833A. Has been working great on 160M for over ten years. It is in very good condition inside and out. I have acquired an RCA that I want to play with, so I need the room. I am asking \$700 or best offer.

73,
Steve KA9QLF
Jacksonville, IL.
(217) 243-3920

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: "Douglas M. Gordon" <dmgordon@electriciti.com>
Subject: FS: HQ140X,Viking II
Message-ID: <1.5.4.16.19970212111637.1d3fde28@electriciti.com>

Hello All:

Have HQ-140X and Viking II for \$250 the pair. No speaker, no VF0.
Electical condx: rcvr seems OK, transmitter outputs 100 W (no mods to either). Units are fairly clean with cosmetics on both about 7. Will have the pair on the air tonite on 3870 KHZ at 9pm PST on West Coast AMI net if all goes well. No ship/Pickup only.

73,

Doug K6PUN
Carlsbad, CA 92008

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: George Humphrey <gah@koyote.com>
Subject: FS: REDUCED Prices
Message-ID: <1.5.4.32.19970213033633.009d8dac@mail.koyote.com>

BAers,

I didn't get any offers, so maybe I overpriced these items, or maybe no one wants them. Either way I will reduce prices and offer to first response for each.

Multi-Elmac Model AF-68 6-80 meter transmitter. Unchecked operationaly, but good shape cosmetically. Complete with cable with 11 pin octal plug. \$30

McGohan 20 watt audio amplifier. Two (2) 7868 tubes, one good and one bad. Three (3) 6EU7s all weak but still in the ? range between good and bad. \$30

Two rack mount (19" wide) chassis of telephone equipment by Ledex Control & Communications Systems. One is a Auto-Connect Terminal Model 3420, the other a Multi-Function Controller Model 2204. Both for \$40.

All shipping extra from zip 75440.

Thanks,

73 George KC5WBV
gah@koyote.com

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: Fwd: Re: GOOD STUFF
Message-ID: <199702121102.GAA04719@mail-e2b.gnn.com>

Heres a list of stuff that was sent to me as being available along with prices. I haven't bought anything from him nor have I talked to him personally. I did inquire about one piece of gear and as he was going out of town i have not heard anything further. He is not a BA list member. May not even know about us.

>HALLICRAFTERS

>	S-20R	VG	\$84.00	
>	S-21	VG	\$80.00	
>	SX-24	EXC	\$125.00	
>	SX-25	EXC	\$145.00	
>	S-27	EXC	\$180.00	
>	S-40B	VG	\$79.00	
>	S-41G	FAIR	\$30.00	
>	S-41W	POOR	\$20.00	COMPLETE,WORKS BUT NEEDS PAINT
>	SX-43	FAIR	\$50.00	
>	S-47	GOOD	\$65.00	FM,RACK MOUNT
>	S-53A	VG	\$80.00	
>	S-85	VG	\$75.00	
>	S-86	VG	\$75.00	
>	SX-99	FAIR	\$79.00	
>	S-105	VG	\$75.00	
>	S-108	VG	\$80.00	
>	SX-110	EXC	\$120.00	
>	S-120	FAIR	\$40.00	
>	HT-30	GOOD	\$70.00	
>	SR-42	FAIR	\$40.00	
>	SR-46	FAIR	\$40.00	

>

>

>HAMMERLUND

>	HQ-110	VG	\$115.00	WITH CLOCK
---	--------	----	----------	------------

>

>

>HEATHKIT

>	TWO'ER	VG	\$70.00	
---	--------	----	---------	--

>

>

>RME

>	RME-45	VG	\$95.00	
>	VHF-152	VG	\$75.00	TALL CABINET
>	VHF-152	VG	\$75.00	SHORT CABINET
>	RME-4200	VG	\$160.00	
>	CONVERTER		\$60.00	6,2 & 1.25 METER VG
>	CONVERTER		\$50.00	6 & 2 METER VG

>

>

>CENTRAL ELECTRONICS
 > CE-10B VG \$70.00
 > CE-20 EXC \$80.00
 >
 >
 >MULTI-ELMAC
 > AF-54 GOOD \$55.00
 > AF-67 VG \$70.00
 > PS-2V GOOD \$45.00 W/TX \$35.00
 > PMR-8 VG \$60.00
 >
 >
 >LAFAYETTE
 > STAR ROAMER VG \$60.00
 >
 >
 >GONSET
 > COMMUNICATOR III VG \$60.00 2 METER
 > COMMUNICATOR III VG \$60.00 6 METER
 > COMMUNICATOR VG \$75.00 AIRPORT/AIRBAND/CAP W/CASE

DON JEFFREY POB 1164
 MONROVIA,CA
 91017

OR EMAIL: boallan@aol.com.

Larry Godek W00GH
 AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TA0, KN6TUP

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
 From: arc5@ix.netcom.com (David Stinson)
 Subject: GONSET FANS: NEED ADVISE
 Message-ID: <199702130338.VAA07064@dfw-ix8.ix.netcom.com>

I recovered a Gonset G-76 from an awful fate as
 a Chicken Band rig. Fixed it up to "working," though I haven't
 had the time to re-cap it. I used it to QSO on 75 MTR AM

last night and it performed fine. Worked a little 40 CW as well. Gets the rated 100W input and about 60W carrier out on all bands. The final is a little flaky on 20 mtrs, though it settled down with tune-up. It loads-up on 15-10 mtrs with no problems. I don't have a crystal to test the six meter position. I have a good manual copy.

It's not "mint" or "excellent". The front face is nice and clean. The heavy metal bezel on the front has some scratches. The matching AC supply looks a little rougher and has a minor bent corner, but works 100% OK. I'd call this radio a 6-7, 1 being inop and drilled and 10 being new in box. All the knobs are there and original. It's a good, working everyday rig for the Gonset fan and could be refinished to excellent.

Also, I fixed-up a nice matching Communicator IV, the one that matches the cabinet and styling of the G-76. It's working fine and is better in appearance. That makes a "stylish" looking 80-2 meter Gonset AM station.

I fixed them up just as "traders," since commercial stuff isn't my thing. Trouble is, I have no idea what they are worth, so it's hard to decide what to fairly trade for them.

If you have an idea what these type of Gonset rigs are going for out there in the market, I'd sure like to know.

TNX ES 73 DE DAVE AB5S
arc5@ix.netcom.com

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: H-W Z-Match
Message-ID: <199702120231.VAA29157@mail-e2b.gnn.com>

I have one of the Harvey-Wells Z-Match units for sale. I have 3 other antenna tuning units and don't need a 4th. Excellent condition except for some paint missing on the front panel in one place and several spots along the top. Its mainly for 300 ohm line I think. I've not used it since I bought it cause I don't have any antennas fed that way. Always wanted one, now don't have a need for it since I have it. \$125 shipped. I paid that for it so I'm following the Ham's motto or creed what ever it is "Buy high and resell at a loss"!

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TA0, KN6TUP

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Heath 800 number?
Message-ID: <1.5.4.16.19970212163122.28876a34@pop.mindspring.com>

Gang,

I am recovering the files I lost in my upgrade. One that I lost is the
800 number for Heath manuals. If you have the number please e-mail me direct.

Thanks

73, Dave K4JRB
thompson@mindspring.com

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Jake Hellbach <kk5hy@accesscom.net>
Subject: Re: Heath 800 number?
Message-ID: <2.2.16.19970212204030.19173ef2@accesscom.net>

Hi Dave,
Look on my Web page (URL in sig. file) in the boatanchors section. I have
links to the Heathkit web page as well as W7FG vintage manuals and Raymond
Sarrio vintage manuals pages.

Hope this helps,
Jake KK5HY

At 04:45 PM 2/12/97 -0600, you wrote:

>Gang,

>

>I am recovering the files I lost in my upgrade. One that I lost is the
>800 number for Heath manuals. If you have the number please e-mail me direct.

>

>Thanks

>
>73, Dave K4JRB
>thompson@mindspring.com
>
>
>
>
>
>
+++++
Email via: kk5hy@accesscom.net
A.M. International #832
Check out the Westside ARC Web page at:
<http://www.accesscom.net/~kk5hy>
Now updated with boatanchor links!!!!
+++++

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: KG9IL@aol.com
Subject: Heathkit DX-60B setup for sale
Message-ID: <970212165207_-1542409019@emout16.mail.aol.com>

I have a DX-60B, HR-10B, and HG-10B setup for sale. All are cosmetically very good. Unmodified except for some non-original knobs on the DX-60B. TX and VFO work fine...RCVR needs a little help....\$150 + shipping...obo...would trade for a RCVR that would go well with my DX-100...HQ-170, HQ-180, Mohawk, etc....I'm in the Chicago area but will consider all....73 de Kevin KG9IL

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: "D.D. Todd" <dube3@n-link.com>
Subject: Re: Help for Zenith T/O
Message-ID: <330157A7.23D4@n-link.com>

Kevin McDonald wrote:

>
> I have acquired a Zenith TransOceanic model 8G005 in pretty decent
> shape.
> There is a loud hum in the audio and I was not pleased to count two
> separate filter cap cans and about 20 something wax paper caps in
> all kinds of hard to get to places. I broke a burnt looking wire
> wound resister to get at some caps.
> It seems to be a voltage dropping resister?
> Does anybody know the value of this resister?

73,
Dube K4DWW dube3@n-link.com
--

-- Antonio Lopez de Santa Anna

```
> Kevin McDonald wrote:
>
>>
>>   I have acquired a Zenith TransOceanic model 8G005 in pretty decent
>>   shape.
>   I broke a burnt looking wire
>>   wound resister to get at some caps.
>>   It seems to be a voltage dropping resister?
>>   Does anybody know the value of this resister?
>>
It seems that the expert on Zenith T/O's is a former member of BA's, Padgett
Peterson. The last address I had for him is padgett@tccslr.dnet.mmc.com
You might try sending an E-mail to him and ask him the question. 73 Jim
K4CGY
```

Hi John and Group,

I have a CDM-26003A. I do know these keys were used extensively by the Navy during WWII. The first 3 letters designate the name of the company who manufactured the key. I do not have a list handy, nor do I know who made mine.

73 Jim K7SLI

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
Email: basalop@eskimo.com FAX: 360-659-1360
Snail Mail: 5318 142nd PL NE Marysville, Wa 98271

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Keith Heitzmann <kk5fe@communique.net>
Subject: Re: Help with key ID
Message-ID: <2.2.16.19970211152550.3f67f502@mail.communiquenet>

Hello all,
This is some info on the Navy Keys with those three letter designators and who made them.
This info was retrieved from <http://fohnix.metronet.com/~nmcewen/ref.html>
Keith

CLS L.S. Brach

CLT Lundquist Tool

CMI Molded Insulator

CMK McElroy

CRV RCA

COL Collins Radio

CUZ U.S. Telev Mfg

CSE Signal Electric

CEJ E.F. Johnson

CJB J.H. Bunnell

>
>> Subject: Help with key ID
>> on it: CMI-26003A
>
>Hi John and Group,
>
>I have a CDM-26003A. I do know these keys were used extensively by
>the Navy during WWII. The first 3 letters designate the name of the
>company who manufactured the key. I do not have a list handy,
>nor do I know who made mine.
>
>73 Jim K7SLI
>
>
>

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: William Donzelli <william@ans.net>
Subject: Re: Help with key ID
Message-ID: <199702121705.AA26392@interlock.ans.net>

One odd use of the NT-26003A key was to manually trigger the QCQ, QCS, QCR,
and QCT sonar sets.

William Donzelli
william@ans.net

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Tom Clarke <fclarke@erols.com>
Subject: Re: Help with key ID
Message-ID: <32F88928.79C2@erols.com>

This type key was used in the SP-2H Neptune (and earlier versions also).
The HF transceiver was an ARC-38, later upgraded to ARC-38A to
incorporate SSB. One of the ARC-38s was replaced with a Collins ARC-94,
which was much nicer to use, as it had direct frequency selection, as
opposed to the "lookup" table frequency card for the 38s. What a pain
to QSY!! They also had an ARR-41 receiver (HF-3) in the radio
compartment. Pretty nice box that you don't see too often. Some older
C-130s and A model P-3s still have them installed. Some of the older
C-130s with a radio operator station have the key installed also (if it

hasn't been "locally modified" to remove it.

The earlier Neptunes P-2V5s and older had the Navy version of the ART-13 and the ARR-15 receiver. Later upgraded(?) to the ARC-38.

The A & B model P-3 Orions had the key mounted on the radio operators desk next to the "mighty mite" teletype machine. The dual ARC-94 was the radio of choice here. The "C" models used an RCA HF that was discussed here a while back, that suffered from a poor design antenna coupler. It was redesigned and redesignated the ARC-161 and was quite reliable. Ran 400 or 1000 watts. On later "charlies" (P-3C) the key had disappeared forever replaced by voice, RATT, or data link. The little cubby hole that held the key was there, but no key. The new Update IIIs don't even have the hole anymore.....ah progress! 'course with SATCOM and all those nifty comm systems, who needs Morse.

I picked up a couple keys when we decommissioned our P-2 Squadron (VP-18) in Puerto Rico in 1968 from the trash dumpster. I was hoping for an ARR-41, but no luck.

73 de Tom Clarke, W40KW
USN Retired and still flying the Orion and Herk.
fclarke@erols.com

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: David Adams <adamsclan@netgate.net>
Subject: Help! I need Dayton rooming
Message-ID: <3301637C.4146@netgate.net>

Greetings folks, as Myron has been mostly out-of-touch (health problems as I understand), I am in desperate search for a roomy or a room for dayton. Any pointers appreciated...the local norcal group can verify that I don't stink or anything (at least I think they will verify that...the smelly is always the last to know...).

73 de dave, n9uxu

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: gcr2@po.CWRU.Edu (George C. Rybicki)
Subject: HW101 FS/trade
Message-ID: <199702120210.VAA16085@piglet.INS.CWRU.Edu>

I have an old HW101 I am not using. It is largely functional but in only fair condition. The front panel is fair to good and the case is only fair with an small extra square hole where two of the fingers of aluminum for the vent slots

were knocked out(?) . The rig receives and transmits but the mode switch is a little intermittant on lsb. The whole thing could probably be put back in fine shape with a little tlc but I am not going to have time for it. I also have the matching HP-23B in good shape and a Turner 254 desk mike. Trade for another BA toy or \$125 + shipping tnx George.

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: w2ec@VNET.IBM.COM
Subject: Looking for owner of HRO Sr SN# P130
Message-ID: <m0vugET-000CytC@knuth.mtsu.edu>

I was wondering if there was a remote chance that the owner of HRO Sr. Serial Number P130 was a member of the list. If so, please contact me, I have the original serial numbered coils (A,B,C & D) for your HRO, in case you're interested in swapping so your coils match your HRO sn.

73, Ray W2EC

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: midshires@cix.compulink.co.uk (Andrew Emmerson)
Subject: Re: Microphone repair
Message-ID: <memo.344580@cix.compulink.co.uk>

I note the following firms specialising in microphone repairs...

BROADCAST EQUIPMENT REPAIR

Bill DAVIES, 5548 Elmer Avenue, North Hollywood, California 91601, USA (+1 818-761 9831). Repair of velocity microphones and Type 70 Transcription Turntables. Worked for RCA Broadcast Division before they closed, factory-trained and stocks parts for the RCAs.

CLASSIC ELECTRONICS, Los Angeles, Ca, USA (+1 818 992 0999, fax +1 818 340 4331). Specialise in rebuilding of vintage microphones.

This (and a lot more) will be in my monster book on refurbishing and collecting radios and TVs (whenever it gets printed!)

73, Andy G8PTH.

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: more ballast tube funzies

Message-ID: <33027A2D.7686@GHG.net>

Hiya tube dudes...

Another list member sent me the following ballast tube replacement idea:

> I saw this somewhere else, and it makes a lot of sense: replace the
> 3TF7 with an ordinary silicon power rectifier(1N400X). The half
> -wave dc will be nearly the same to the tubes as dropping half the
> voltage in the ballast tube.

Now, I'm writing to make sure I'm looking at this correctly. Depending on the direction I install the diode, I'll be cutting off either the top halves or the bottom halves of the AC sine wave. To me, it seems that this will cut the power in half going to the two tubes, but that it won't cut the voltage, and therefore, without filtering, the filaments will be subjected to a pulsed voltage of peak value being around the peak of the AC sine wave minus the forward voltage drop of the diode. It would seem to me that this pulsed over-volting of the tube filaments would drive them to an early death, as they are seeing peak filament voltages greater than what they were designed for.

Comments?

Yes, I know I'm probably driving everyone fruity about all this ballast tube replacement talk, and to make it worse, none of my 3TF7's have failed! Maybe that little voice in my head that keeps calling me crazy is right! :-0

Thanks and 73,
Ben

--

From the computer of | Collector of fine firebottle
Benjamin D. Hall, Houston Texas | equipment, as well as other things
BDHall@GHG.net (home) -or- | involving Earth, Air, Water, and
Benjamin.D.Hall1@JSC.NASA.gov | Fire.

PLEASE NOTE MY NEW HOME E-MAIL ADDRESS above. My old address,
BDHALL@GHGCorp.com, will still work for a period of time however.

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: National IF Cans, an oddity?
Message-ID: <3.0.16.19970212124040.32e71702@pop.pipeline.com>

Good Afternoon Folks,

A question or two for the combined mental horsepower of the list:

Background:

I have a National type RCP receiver, (this is a modified NC100 type built for the CAA [now FAA] in the 40's for HF band aircraft use.) The IF Cans are National logo 455 Khz types with both pri and sec tuned, pretty standard circuit design.

Design Issues:

Each of them has an extra winding (just a couple of turns) that seem to have been added either later or as the last step in manufacturing. This winding is grounded on one end, and can be grounded on the other. There is a spring switch, (small strip of metal riveted to the can case on one end, when pressed closes a contact on the other) which when closed connects the open end of the small winding to ground. Manual mentions in passing some cans "set" to wide bandwidth, others to narrow. "Setting" this appears to consist of soldering a jumper wire to the outside of the can to close (short) the "switch."

Questions:

Since no one has come up with a copy of "Inductance Calculations" by Grover for me yet out there... :-)

I find my understanding of how this is supposed to work somewhat lacking...

Would someone care to discourse on the matter?

Which leads me to...

Problem:

My first IF amp in this radio seems to work a lot better as a 455 Khz sig gen than an amp.... Plate has a 50V sine wave on it... :-)
Completely disconnecting the mixer ahead of it and the next stage after it, leaves a nice high output osc... I thought before I rip the IF can out for inspection, I'd see if I could get a better idea of how it is *supposed* to work... Always useful when trying to figure out why it don't....

Possibilities include:

Wrong winding phase connected when IF can was pulled for cleaning and reinstalled.

PRI and SEC winding reversed during above...

Wiring crosstalk problem caused my changing lead dress.

Stray IF freq currents caused by relocation of several common ground lugs during replacement of decoupling caps...

All of the above... :-)

Before trying empirical solutions, I'd kinda like to *think* this one through some... Your comments and input on how this *extra?*

winding affects things are welcome...

-Larry Ware
lrware@pipeline.com
Orlando, Florida

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Ho4bart@aol.com
Subject: Re: National IF Cans, an oddity?
Message-ID: <970212191620_1745300868@emout07.mail.aol.com>

In a message dated 97-02-12 19:03:21 EST, lrware@pipeline.com (Lawrence R. Ware) writes:

<< Each of them has an extra winding (just a couple of turns) that seem to have been added either later or as the last step in manufacturing. >>

is this "shorted turn" winding between the other 2 tuned windings?
if so, shorting it decreases the coupling between the 2. one of the articles on the bc-348 mentions adding just such a coil between the overcoupled windings of the last IF xfmr (in this case) to decrease the coupling and increase the selectivity somewhat. funny, i was thinking about trying this just recently, altho i don't have a freq counter on hand, and i would want to graph the before/after selectivity. (and in the case of the bc-348, it occurred to me a better solution might be to whack off one pi of the 3-pi primary winding and then add capacity to it to bring back to resonance.) hue miller

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Re: National IF Cans, an oddity?
Message-ID: <3.0.16.19970212210059.0b2f6be6@pop.pipeline.com>

At 18:25 02/12/1997 -0600, it was asked by hue miller:

>

>In a message dated 97-02-12 19:03:21 EST, lrware@pipeline.com writes:

>

><< Each of them has an extra winding (just a couple of turns) that seem to have been added either later or as the last step in manufacturing. >>

>

>is this "shorted turn" winding between the other 2 tuned windings?

>if so, shorting it decreases the coupling between the 2.

<snip>

Hummm, OK I'll try to clarify what I have here: (now that it's in my

hand for a close look.)

Pretty standard National IF can here, two windings (pri and sec) about an inch apart on the bobbin, topped with two trim caps, one connected across each winding, plus two 250 pf caps in parallel with each trim cap. Standard textbook design so far.... Another winding consisting of a single turn is located about 1/16" above the upper (secondary) winding of the can. One end of the wire goes to can shielding, the other loops down *below* the primary coil winding (again about 1/16" of an inch) then loops once again around the bobbin a single time. I'm not even going to try ASCII art on this... :-)) before connecting to the contact for the spring switch. The *extra* winding totals two loops of one turn each, one above the top (secondary) coil and one below the bottom (primary) coil. This winding is thus grounded on one end always, and either open or grounded on the other depending on the state of the external spring strip *switch*. As I stated earlier, I believe this is designed to affect bandpass/bandwidth of the IF transformer...

The \$64 question for me is how does it work? I'd like an in depth understanding of the way it affects the transformer coupling, tuning curves, etc...

Now that I have it out, I will fire up the sweep gen. and play around with it some... empirical data is better than none. Results to follow if anyone expresses interest...

Larry's Home for Wayward Test Equipment & Old Radios (tm)
Let your equipment retire in sunny central Florida.
Intensive Care, Private Bench Space, Frequent Use,
Factory trained HP, Tek & Fluke Surgeon on staff.
Good Home Guaranteed or double your junk back!
lrware@pipeline.com - Orlando, FL -

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Scott Robinson <spr@earthlink.net>
Subject: National IFcans
Message-ID: <3302844A.806@earthlink.net>

-----29385307D400

Content-Transfer-Encoding: 7bit

Content-Type: text/plain; charset=us-ascii

Folks,

It's possible (I'm speculating, an fancy word for guessing) that this is bandwidth control. Here's how it might work:

If hte transformer windings are overcoupled (too close together) you get a double humped bandpass response. Combined with the other non-overcoupled transformers, the result is to widen the bandwidth and create a flat-topped response.

If you heavily damp the overcoupled transformer, the doubel hum goes away,a long with some gain. ONe way to do this is to connect aresistor across the secondary or primary; another might be to introduce a shorted turn, which the arrangement described would do.

And here's another IF can oddity for you. Some Philco BC (and SW) receivers have a third primary on the second IF can that's inseries with the screen. I haven't figured out its phasing yet, so I can't tell if it's positive or negative feedback. Interesting. It's not switchable.

Curiously yours,

-----29385307D400

Content-Transfer-Encoding: 7bit

Content-Type: text/html; charset=us-ascii

<HTML><BODY>

<DT> Folks, </DT>

<DT> </DT>

<DT>It's possible (I'm speculating, an fancy word for guessing) that this is bandwidth control. Here's how it might work:</DT>

<DT> </DT>

<DT>If hte transformer windings are overcoupled (too close together) you get a double humped bandpass response. Combined with the other non-overcoupled transformers, the result is to widen the bandwidth and create a flat-topped response.</DT>

<DT>If you heavily damp the overcoupled transformer, the double hum goes away, along with some gain. One way to do this is to connect a resistor across the secondary or primary; another might be to introduce a shorted turn, which the arrangement described would do.</DT>

<DT>And here's another IF can oddity for you. Some Philco BC (and SW) receivers have a third primary on the second IF can that's inseries with the screen. I haven't figured out its phasing yet, so I can't tell if it's positive or negative feedback. Interesting. It's not switchable.</DT>

<DT> sp;</DT>

-----29385307D400--

Folks,

I just was given a very nice homebrew audio sig generator at the local ARC last night and would like some help in IDing the air variable in it. This is a big unit (on a 12x12 Bud chassis with a 12x12 front panel) and it has a huge 4 gang air variable in it that I would like to know more about. It has a very heavy gauge, solid copper stamped frame with extra heavy copper shielding between each section. The blades are brass. The part measures about 8 inches long, 4 inches wide, and about 3 inches high. There is a copper rod soldered onto the tips of each rotor unit to prevent spreading. Double bearing with an spring loaded, anti-thrust mechanism to eliminate play in the shaft. Each rotor unit is separately adjustable to tweak the space between the plates. It has a single ended shaft which extends about 3 inches past the front gang. I don't see any markings on it, but I have not yet looked on the bottom. This cap is so big, and so well made

that it must have come out of a top of the line "something or other".
Does this sound familiar to anybody?

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Spencer Petri <spetri@e-tex.com>
Subject: Need PS Info!
Message-ID: <m0vum0l-00015yC@e-tex.com>

Hello BAers,

I'm in need of a schematic and info for a old Linear Systems DC to DC power supply. They were a generic 12VDC input supply for tube type transceivers. Any help appreciated and happy to reimburse for the effort.

73 de Pete WA5JCI

6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC/618 Grids

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: n6nae@ix.netcom.com (Richard Humphrey)
Subject: Need S38 knob:
Message-ID: <199702120622.AAA25442@dfw-ix15.ix.netcom.com>

I too have become afflicted with "itty-bitty radio syndrome". Mine is no less than an S38-EM, Mark 2.

After blowing out the dust and spraying everything with deoxit, the darn thing works. Listening to Radio Nederland and Radio Switzerland. Not stunning DX, but you go with what you got.

It's missing one knob. Dark brown, tapers down toward the panel, flat end with a brass disk insert. Anybody got one they could spare? I'd appreciate it.

Thanks,
Richard

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: jkh@lexis-nexis.com (John Heck)
Subject: Need Sixer and Twoer Manuals
Message-ID: <9702121344.AA17023@beans.lexis-nexis.com>

Folks,

Having just acquired a nice set of a Sixer and a Twoer I find myself in need of manuals for these two rigs. I would like to have copies of the construction part of the manual as well. Tannenbaum does not carry these and their catalog is the only one I currently have. I would gladly pay expences and copying costs if someone could copy theirs for me. If you wanted to trade for any one of the books FS I just posted we could do that as well. Thank you.

Regards,

John Heck, KC8ETS
1009 Donson Drive
Dayton, Ohio 45429
(513)865-7036(work)
jkh@lexis-nexis.com

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997

From: jproc@bellglobal.com

Subject: New Book

Message-ID: <Chameleon.4.01.2.970212162847.jproc@finlay.bellglobal.com>

Dear BA'ers,

I seen this book advertised in QST.

TRANSMITTERS, EXCITERS AND POWER AMPS 1930-1980
by Raymond S. Moore

Published by RSM Communications, Box 1046, Key Largo FL 33037-1046;

Tel: 305 853-0379

Paperback, 8.5 x 11, 144 pages; B & W illustrations

ISBN 0-96-18882-3-7

Price: \$US 21.95 plus \$3 S&H in USA and Canada. Florida residents add \$1.65 sales tax.

Covers transmitters made by over 100 manufacturers. For a complete book review, please refer to page 36 of Feb 1997, QST Magazine. Its too long to reproduce here, and after I send this post amnesia will set in :-)

Regards,

Jerry Proc VE3FAB

E-mail: jproc@bellglobal.com

HMCS Haida Naval Museum

Toronto, Ontario

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: Cal Eustaquio N6KYR <ceustaqu@dot.w6bhz.calpoly.edu>
Subject: Pricing of TR-6. Tnx!
Message-ID: <Pine.SUN.3.91.970212073750.28033A@dot.w6bhz.calpoly.edu>

Thanks to all who responded to the call. I had a prospect on buying one but the source did not want to sell. Oh well. Using the money elsewhere (non-BA usage). Thanks again. Cal, N6KYR.

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: George Humphrey <gah@koyote.com>
Subject: QF-1 Pinouts
Message-ID: <1.5.4.32.19970213032702.009ecde0@mail.koyote.com>

Will the person needing information on the QF-1 contact me directly. I can provide information, but your return mail address bounces.

Thanks,

73 George KC5WBV
gah@koyote.com

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Re: Question, re Ameco VFO-621
Message-ID: <v03007801af26be868ea4@[134.53.65.12]>

>Jim,

>

>I don't have the documentation for my VFO-621, but I took mine apart last
>night after I read your inquiry. Mine has no crystal. It does have a
>socketed transistor under the chassis toward the front (by the tuning cap).

>

>In the rear are two tubes. One appears to be a buffer or amplifier between
>the oscillator and the output cable. The other is probably for keying but it
>could be a reactance modulator for FM since there is a mike jack. My serial
>number is 1761.

>

>I would like to get a copy of the right schematic should you find one. Good
>luck.

>

>Brian Harris WA5UEK
>3521 Teakwood Lane

>Plano, Texas 75075

Hi Brian,

Thanks for your note. I checked my VF0-621, and it is serial number 2445. It sounds similar to yours in some respects, but different in others. Neither of our units seems to bear much resemblance to my circuit diagram (which shows a crystal-controlled oscillator and a mixer stage).

My 621 has no transistor socket, but rather a single transistor in the oscillator compartment, soldered to a terminal strip. It also does not have a mike jack, but only two terminal strips on the rear panel. I spent some time reverse engineering the circuit, and believe it is an 11-13MHz free-running transistor oscillator, which goes through a buffer stage (a triode section of one of the 6SK8s) and a doubler stage (the pentode section of the 6SK8). The output of that stage is then further amplified by the pentode stage of the second 6SK8. (The triode section of the second 6SK8 is unused, suggesting that AMECO had a large number of 6SK8s to use up.)

I'm guessing that the original VF0-621 circuit was too costly to fabricate, and that the factory cut costs by running the free-running oscillator at a higher frequency, instead of mixing a lower frequency oscillator up to 24-26MHZ with a crystal oscillator. I suspect that the later versions of the 621 (yours and mine) probably aren't as stable as the earlier version. Soon as I track down a 6KZ8 for the one that's missing, I'll see if I can get it to work.

Thanks for your help.

73,

Jim Garland W8ZR

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: JOHN_SEHRING.parti@ecunet.org
Subject: RADIO & NON-RADIO BA SIGHTING
Message-ID: <9702112344.aa12220@pcusa01.ecunet.org>

On a trip thru the Minneapolis airport saw some BA's a small exhibit covering the history of the airport. The exhibit is just off the 'food court' area, about opposite from the Burger King, in what I think is the main concourse.

Item 1: An Aerotron transceiver, self-contained, large lunchbox size. It has a about a 24" piece of stiff wire plugged into the coax connector on its back so that would make it VHF-high band. There's what looks like a carbon mic on the stand plugged into the mic jack. Must be AM if for ground-air use. Aerotron = Hammarlund as far as I can remember, these were usually FM though.

Item 2: BA for sure but not a radio. It is the autopilot control panel (and gyro). I don't know what kind of plane this would have been for. It looks 40ish vintage. There are some pix of a B-24 or B-25 below it but it seems too complex for one of those. Made by Honeywell (in Minneapolis, 'natch). Lots of knobs & switches for each plane axis for the pilot to play with. Missing is the autopilot amplifier which was probably large (maybe multi chassis) and of course very tubed.

I was an autopilot kid tech in the Air Force in the 60's, so know about them, but this stuff is way before my time.

-John Sehring (02/11/97 2:39 pm MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: RAK-7
Message-ID: <199702121111.GAA03422@mail-e2b.gnn.com>

I have an opportunity to pick up an RAK-7 with manuals this coming weekend in LA for \$50. Supposedly in very good shape with some sort of power supply arrangement. What can you experts tell me about the receiver. How big and heavy, extra weight makes the pickup ride better and keeps it on the road in high wind areas, and how does it compare to the RAL or something comparable or is there such a thing? Thanks gang.

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TA0, KN6TUP

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Ho4bart@aol.com
Subject: range of 30w xmtr with indoor antenna ??

Message-ID: <970211174947_618819556@emout12.mail.aol.com>

In 1942 in upstate NY a house was raided after cw transmissions were detected coming from it. the xmtr was operating at about 30 w. input, cw, freq unknown to me, to a wire antenna tacked up in the attic. (per arthur gibbons, who participated in the raid, as told to hue miller). question: this would not offer a reliable circuit to germany, right? so, we could maybe conclude that U-boats offshore would receive the information (e.g. re armored vehicles being shipped) and use it themselves, or relay it to germany via their higher powered radio? (this particular incident does not match any i have read abt in Kahn's book, altho the players sound similar).
your input? hue miller

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: okasb@rex.mtv.gtegsc.com (Bob Okas)
Subject: Re: Re: Big Dream - Small Screen
Message-ID: <9702122313.AA02980@rex.mtv.gtegsc.com>

Gang,

The Farnsworth Chronicles web page is:

<http://www.songs.com/noma/philo/index.html>

Bob - W3CD

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: vigar@interport.net
Subject: Robert J. Kelley
Message-ID: <1.5.4.32.19970212211708.0069fa54@pop.interport.net>

Robert,

Please E mail me again. The address you gave me bounces back.
Sorry to bother the group, but it's the only way to get through.
PS. Please make sure you have your address right.

Gary, K2ZSZ

Gary Gleicher, K2ZSZ
242-01 Alameda Ave.

Douglaston, NY 11363
718-423-1906 (eves.)

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: midshires@cix.compulink.co.uk (Andrew Emmerson)
Subject: RSGB handbooks
Message-ID: <memo.344583@cix.compulink.co.uk>

>I've never seen a prewar or even pre-70s one, and wonder if the UK BAers here collect them.

Well, UK BAers in the UK do, up to a point. From memory, the first one came out in 1939, with a very similar second edition also in 1939 (I have both). Nice old-fashioned colour cover, chapter on "Television Technique" (the latest thing! That's broadcast TV, not amateur television). Even more interesting is the wartime supplement, which contains chapters on emergency radio operation and the like.

These books turn up quite regularly at prices around £10 (\$15).

My first post-war example is from the 1970s, when it had swollen to two volumes. This doesn't include a printing history, so I don't know how many earlier post-war editions there were.

Andy, G8PTH.

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: wallace@world.std.com (Andy Wallace)
Subject: some websites of interest to BAers
Message-ID: <33090140.4044786@world.std.com>

<http://www.xmetric.com/sseng/>

S+S Engineering -- they have a digital programmable frequency display. Under \$100. I got one from another BAer for use with my Drake 4-line. I haven't hooked it up yet but I know of another BAer who mounted his INSIDE his TR-4 and put the LED display (it is remotable) where the analog dial belonged...

<http://www.xmetric.com/sseng/>

Dan's Small Parts -- I have heard them mentioned many times on BA. FT-243 and HC-6/U style crystal sockets, air variables and trimmers, cheap glowbug crystals....I'll be back! No credit cards.

--Andy
wallace@world.std.com

Curly: Oh....short wave?
Moe: No! Poimanent.
<BONK!>
(THEY STOOGE TO CONGA, 1943)

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Ho4bart@aol.com
Subject: Re: some websites of interest to BAers
Message-ID: <970212032055_-1107122004@emout02.mail.aol.com>

In a message dated 97-02-11 20:15:04 EST, wallace@world.std.com (Andy Wallace) writes:

<< I haven't hooked it up yet but I know of another BAer who mounted his
INSIDE his TR-4 and put the LED display (it is remotable) where the
analog dial belonged... >>

one of the UK mags, SWM or Practical Wireless, showed an AR-88
where the owner had done something similar, mounting the display
over in the right hand window, where it just sez "RCA" and something
else, does it not? i wonder, is that a bad idea? i suppose it is
reversible. hue miller

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Larry Kayser <lkayser@rideau.net>
Subject: Spillsbury Tindall SB-60
Message-ID: <2.2.32.19970212030545.00680f94@peterboro.net>

Jean Paul:

Subject: What is a Spillsbury/Tindall SB-60

Spillsbury Tindall made AM and later SSB 1 to 6 channel HF radios. The SSB
later stuff was fairly small and used a single 6146 in the output. They had
both AC and DC supplies.

The last time I was through Ford's in Smiths Falls they had a couple of them
on a shelf. Great for single channel radios, reliable and worked well.

Eric Meth in Cornwall was using one, or the Marconi equivalent, on packet
when I visited him one time. They were used a lot in bush camps and in the

Marine service as well.

ST was located in Vancouver, I am not sure if they are in business any more or not.

Larry
va3lk / wa3zia

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: dma@IslandNet.com
Subject: Swapmeet - Yanks Welcome
Message-ID: <1.5.4.32.19970211211624.00660570@pop.IslandNet.com>

There's a swapmeet in New Westminster, Canada (borders Vancouver) on Feb 16th. It's at the New Westminster Armouries at 6th Street and Queen Ave. 10 - 2pm. It's probably the biggest in this part of Canada, and y'all are welcome! And remember, US\$ go a long way up here.

Jan Skirrow

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: "Pentti Haka" <pha@mikrolog.fi>
Subject: Synth driving BA
Message-ID: <MAILQUEUE-101.970212124319.288@osku.mikrolog.fi>

Karl-Arne Markstrom wrote:

>it seems like the X-tal oscillator stage in the TRC-77 is oscillating
>on its own, perhaps with a little help from the synthesizer. In my
>opinion, +10 dBm (abt 1 V rms over 50 ohms) drive into a tube crystal
>oscillator could be marginal at best. In addition it could be
>advisable to disconnect the feedback path in the oscillator to prevent
>spurious oscillations.

>The circuit that I would propose is a buffer amplifier with a power
>output of +20 dBm or so connected to a broadband transformer or a
>tuned circuit step-up with a few hundred ohms impedance, fed to the
>grid of the X-tal oscillator via a blocking capacitor.

Not wanting to comment on the ethical aspect of mixing synths & BA's, I just think that 10 dBm (= 10mW) should be more than enough to drive the (former) XTAL osc. Grid current probably isn't required or could even be harmful producing distortion (=harmonics). Most low-level XTAL oscillators are designed for linear class A operation anyway. The mod will be simpler, as only a transformer/tuned step up-circuit is needed - no

buffer amp which requires power from somewhere etc. Of course I have not tried this and could be wrong.

Regards to all, Pentti

----- Pentti Haka -----
----- OH2TC -----
-- Pentti.Haka@Mikrolog.fi --

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Synthesizers are fine if toobie based!
Message-ID: <9702121723.AA152034@csemail.cropsci.ncsu.edu>

With the fine talk, it be, about synthesizers for a 'boat anchorin' an' a 'glowbuggin', I wouldst offer that a fine way to do it would be with a warm glowing vacuum tube synthesizer. They be scarce as the giant squid, but are about, and the design can be done with about 70 vacuum tubes to give frequency coverage from 300khz to 26mhz and beyond with 10 hz resolution. My guess is that it could be done with about 40-50 tubes of single function types or maybe 25 dual function types, all based upon a stable 100khz reference oscillator. If one narrowed it down to only covering one select set of frequencies, say in the range of 3500-3600khz, and used the transmitter to run up from that, it might be much simpler. One could even run the 5.0-5.5 mhz oscillator thing that way too. It would be even simpler if all you needed was kilocycle resolution. One could take the 100khz oscillator and generate harmonics for injection at any particular 100khz or 1 mhz setting, then divide the 100khz, as was done in the old days of HP counters down to 10khz and multiply up to get 10khz mixer injection frequencies, and then with a single set of 10 tuned coils at some range of frequencies, say at 90-100 khz in incremental steps, use those for the final kilocycle mixer products. Combine all those together in appropriate mixers and you have a direct synthesizer using vacuum tubes. Yeah, I know, it is a big job, but Federal did it for the Navy back in early 1950's, and it worked pretty well. It only weighs in at only about 175 pounds. Food for thought.....(:+{}.....73/ZUT DE NA4G/Bob UP.

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: gpewitt@execpc.com
Subject: T-195 Transmitter
Message-ID: <Chameleon.970212193424.gpewitt@execpc.com.execpc.com>

Well the ba bug struck again. I am now the proud owner of a T-195 to go with my R392. I will probably buy the 50 amp

28v power supply from Fair radio to run both units but I am in need of a manual, cables, mounting rack, accessories, and most important, advice. Any mods, improvements, weak points, and other information welcomed. I see Fair carries a J668/GRC Junction box for it. Is it any use or just for rtty and crypto? What mic do I need? Clue me in guys and gals.
73 Gary

Name: Gary Pewitt N9ZSV/KT
6120 W. Calumet Rd. Apt 204
Milwaukee, WI 53223
414 355 8147 Home 414 297 4307 Work
E-mail: gpewitt@execpc.com
From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: wpul1130 <wpul1130@concentric.net>
Subject: Tech Manual Needed
Message-ID: <330146C2.5F97@concentric.net>

Hi All: I need a technical manual for the RT-159B/URC-4 If you have one for sale or copy please advise.
73's
Lloyd

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: Re: TREE MOUNT SUGGESTIONS
Message-ID: <19970211222837.AAD12545@LOCALNAME>

At 10:44 AM 2/11/97 +0000, you wrote:

>
>I recently moved to a new QTH which has a 70 foot tall cedar
>tree. Since our tree service will be climbing up the tree (and
>others) to prune and shape it, I have the opportunity (at no
>additional cost) to have someone mount, at about the 55 foot level, a
>marine grade pulley (with sufficient dacron rope already
>inserted). My plan is to use the pulley and rope to hoist a
>dipole, an inverted V or an end fed Zepp.

>
>I would appreciate any suggestions regarding ways to
>securely mount the pulley to the tree. The
>suggestions I have so far received are:

>
>1. dacron rope wrapped around the tree above a sturdy set of limbs;

OK, but will eventuall break and 'eat' into the tree's bark.

>2. a rubber garden hose having within it a flexible cable such as

> that used for locking bicycles to posts, etc;

This is an EXCELLENT way of doing it. Also above some small limbs as you want the "loop" to be loose and not tight around the tree trunk!

>3. a large eyelet screw inserted into the tree.

Will work, but will damage the tree.

>4. a nail

Ditto as number 3!

>5. a very large stainless steel hose clamp.

Definately NO! This will damage the tree big time.

No, I'm NOT a "tree hugger", but why ruin a nice tree unless you are lazy

or stupid? Use a block (pulley) that the line you are going to use for a halyard won't

slip off the sheave and "jamb" in! This can be VERY annoying when it happens with the antenna halfway up or down!! Use a GOOD quality block. The best ones are available at a store that handles gear for sailboats or small boats. Avoid the use of plastic ones! The sun plays hell with them after a while! Make sure it's WELL lubricated before you put it up! Be sure your "rope" is ultraviolet light resistant.

Some synthetics deteriorate rapidly in the sunlight.

Enjoy the project!

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....*

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997

From: "al parker" <al_parker@kacc.com>

Subject: Re: TREE MOUNT SUGGESTIONS

Message-ID: <9701128557.AA855781311@ccuucp.kacc.com>

At 10:44 AM 2/11/97 +0000, you wrote:

> I have the opportunity (at no
>additional cost) to have someone mount, at about the 55 foot level, a
>marine grade pulley (with sufficient dacron rope already
>inserted).

Missed your original, but saw Sandy's reply this AM, and agree with him. I used similar methods for a number of years when I was in No. Carolina, nice tall pine trees there. But trees move around a lot, so what I did, and suggest, is that you hang a counterweight on your dacron line rather than tying it off. I used 2 liter drink bottles filled with water (they need to be replaced annually), 2 bottles in "series", with one resting on the ground, and one just above it. That way you can keep the antenna up high without much slack, & allow for movement.

Wish I had the trees & space here in CA. It's hard to fit a 40 mtr dipole on the normal lot here without zig-zags, much less an 80.

73, Al, W8UT al_parker@kacc.com

A fanatic is one who doubles his efforts after forgetting his objective.

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997

From: Russell_Schroeder@xn.xerox.com (Schroeder,Russell G)

Subject: Re: TREE MOUNT SUGGESTIONS

Message-ID: <"<55E501338190677C>55E501338190677C@X-WB-0207-MS2.XN"@-SMF->

As a current user of a tree anchored antenna system, let me add a few comments.

a) use the best pulley and rope (uv resistant) you can get.

b) use the garden hose / cable attachment method with a large loop around the tree trunk, above several large branches.

c) VERY IMPORTANT: Do not tie the anchor rope to a rigid structure
(i.e. a tree

branch) Instead, attach the rope to an appropriate weight to maintain
a constant

tension when the tree MOVES in the wind, I currently use regular three hole bricks with a chain through them as the weight. The bricks are cheap and allow you to add or subtract in approximately three pound increments. Also provide a safety rope to the weight in the event the main support rope breaks.

Make sure
the weight is free to move vertically and the antenna rope is free of branches to eliminate the wear problem. NOTE: at the 55 foot level, expect
large (many feet)

of tree movement in high winds. Allow a lot of vertical movement for

the weight.

d) Inspect the rope for signs of wear or aging at regular intervals.
Replace the
as soon as any degradation is found. Don't wait for failure to occur
(unless you
like climbing trees).

73 Russ W2DYY

Russell_Schroeder@xn.xerox.com

From: boatanchors@theporch.com

Subject: Re: TREE MOUNT SUGGESTIONS

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997

From: Neal McEwen <nmcewen@metronet.com>

Subject: Re: Tube Lore

Message-ID: <3301C82A.28AE@metronet.com>

Deane D McIntyre wrote:

> Well said. Between having four editions of the RCA tube book, the
> GE book, the Sylvania book, tube tables in many editions of the ARRL
> handbook from 1937 to date, and the NBS Tabulation of Data on
> Receiving Tubes as well as Tyne and various other references there
> were always a number of tubes I could never find. I was pleased
> to find most of them in Tube Lore. Only North American tubes not
> listed are common types introduced after 1950 for which info can
> be found in any tube book (even so, many post 1950 types are listed).
> The book even has a photo of the legendary 6D5 on the front.

An excellent compliment to the above books is John Stokes', "70 Years
of Radio Tubes and Valves," by Vestal Press. A very "good read", to
borrow a Larry King phrase. I highly recommend it for the serious or
casual tube collectors or the BA enthusiast.

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com

A WWW Page for Telegraph Key Collectors and Historians

http://fohnix.metronet.com/~nmcewen/tel_off.html

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997

From: kb5wwwo@juno.com (George Folse)

Subject: Wanted

Message-ID: <19970212.140242.5071.0.kb5wwwo@juno.com>

HELLO ALL,

I don't think I got through the first time.

Looking for the following xmitters,
Johnson Ranger II, Valiant I or II, Viking 500.
Heath HW10, HR10.
All must be in good condition
Thank you
George Folse kb5wwwo@juno.com
630 Dolhonde St.
Gretna, La. 70053
504-362-1896

From boatanchors@theporch.com Wed Feb 12 21:56:45 1997
From: kb5wwwo@juno.com (George Folse)
Subject: Wanted
Message-ID: <19970212.113909.4775.0.kb5wwwo@juno.com>

Looking for the following xmitters
Johnson Ranger II, Valiant I or II Viking 500
Heath HW10, HR10.
All must be in good condition.
contact
George Folse kb5wwwo@juno.com
630 Dolhonde St.
Gretna, La. 70053
504-362-1896

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Robert Fowle <hammarlund@jacksonmi.com>
Subject: what are 7591 toobes???
Message-ID: <33014234.71D@jacksonmi.com>

can any body tell me the specs for this toob?
thank you
Robert

--

**** Visit my Web Page.....****

=====] - [->

Robert Fowle KC8DBC
1215 Winifred
Jackson, Mich. 49202-1946
Ph. 517-789-6721
E-mail: hammarlund@jacksonmi.com
Web Page: <http://www.jacksonmi.com/hammarlund>

NOW... BOATANCHORS Conference!
talk, buy-sell-trade all in one place!
Moderator: Robert Fowle

at: <http://www.inetnc.com/hamchat/>

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: km1h@juno.com
Subject: Re: Worth of Drake TR-6?
Message-ID: <19970211.163843.9215.24.km1h@juno.com>

This item has a huge range of "worth" Cal. I sold a mint version with all that you listed plus the extra band crystals and the LSB AND CW filters for \$450 in June 1996.

It is not a real serious 6M radio by current standards and I was glad to be rid of it. Drake collectors would probably pay big bucks but the design has plenty of flaws. Try advertising it on the Drake reflector and count ur money on the way to the bank.

73.....Carl KM1H

On Tue, 11 Feb 1997 12:28:58 -0600 (CST) Cal Eustaquio N6KYR
<ceustaqu@dot.w6bhz.calpoly.edu> writes:
>Anyone have any idea how much a Drake TR-6 is going for these days
>with
>p.s, spkr, and remove vfo? Cal, N6KYR.
>

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: w9fs@juno.com (Jerry W. Daugherty)
Subject: WTB HQ-150
Message-ID: <19970212.101213.3398.3.W9FS@juno.com>

I am wanting to put a station on the air using a HQ-150 receiver and a DX-40 transmitter they need to be in good shape. If you have one you are willing to sell, e-mail me with the information.
email W9FS@juno.com
73 @ TNX

Jerry W. Daugherty W9FS, ex K9PFV, W4RXU, W9FTI, DL5GI.
VHF-UHF Nut. May all your blessings outweigh your needs.

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: w9fs@juno.com (Jerry W. Daugherty)
Subject: WTB HQ-150
Message-ID: <19970212.154138.3526.0.W9FS@juno.com>

I would like to setup a 1950's station to operate on the air.
I would like to buy a HQ-150 in good working shape.

If you have one that you would like sell please e-mail me at:
W9FS@juno.com

Thank you,

Jerry W. Daugherty W9FS, ex K9PFV, W4RXU, W9FTI, DL5GI.
VHF-UHF Nut. May all your blessings outweigh your needs.

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: J P Taillebois <jpt1@idirect.com>
Subject: WTB. Collins 75A... Rcvr
Message-ID: <199702120927.EAA14066@relief.idirect.com>

Hi,

Looking for a good rcvr to pair with my CE-100-V.

Condition unimportant as i like to restore and discover.

73

----- VE3JPT VE3JPT VE3JPT

Jean Paul Taillebois Interest:
Hallicrafter, Gonset, Johnson, Collins, Military radios and
996 Greenlane Court books.
Oshawa Ontario Canada
L1K-2C6
voice: 905 723 1811
paket: ve3jpt@ve3hqr

From boatanchors@theporch.com Wed Feb 12 03:31:00 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: WTB: DX-35 Power Transformer
Message-ID: <199702112143.QAA09333@server1.ils.net>

At 01:23 PM 2/10/97 -0600, William C. Robbins wrote:
>I'm probably not the only one, but I need a power transformer for my DX-35.

>If by some chance you have a parts DX-35 or the transformer, please let me know.
>
>Also, I would like to buy a Heathkit SS-9000 if anyone knows the location of one.
>
>73 de Bill
>
>
>William C. Robbins Heathkit Collector
>
>billrobb@net-link.net
>
I know you probably don't want to go this route but, Peter Dahl has replacement transformer for the DX35. Probably cost more than the rig is worth though.
I had a DX 35 many years ago and the power transformer died so I found a replacement TV transformer that had nearly the same voltage/current ratings and used that.
73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@theporch.com Wed Feb 12 17:25:07 1997
From: "William C. Robbins" <billrobb@net-link.net>
Subject: Yellow Sheets
Message-ID: <199702121345.IAA24621@serv01.net-link.net>

If anyone out there has the new edition, please e-mail me your number, QUICK. I will call you to inquire about a listing in there.

Thanks alot in advance.

Bill

William C. Robbins Heathkit Collector

billrobb@net-link.net